

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                        | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|----------------------------|------------------|---------|------------------|
| S1    | 21235 | plasma and etch\$4 and (ammonia NH3 "NH.sub.3") and (oxygen O2 "O.sub.2" "O2" "O.sub.2")  | US-PGPUB; USPAT            | OR               | ON      | 2006/06/22 13:44 |
| S2    | 3601  | plasma and etch\$4 and (ammonia NH3 "NH.sub.3") with (oxygen O2 "O.sub.2" "O2" "O.sub.2")   | US-PGPUB; USPAT            | OR               | ON      | 2006/06/22 12:43 |
| S3    | 570   | plasma and etch\$4 and (ammonia NH3 "NH.sub.3") with (oxygen O2 "O.sub.2" "O2" "O.sub.2") and (double-layer\$4 double adj layer\$4 bi-layer\$4 layer near resist) | US-PGPUB; USPAT            | OR               | ON      | 2006/06/22 13:10 |
| S4    | 174   | S3 and (CD critical adj dimension)  | US-PGPUB; USPAT            | OR               | ON      | 2006/06/22 13:08 |
| S5    | 64    | S3 and (control\$4 near (CD critical adj dimension))  | US-PGPUB; USPAT            | OR               | ON      | 2006/06/22 12:46 |
| S6    | 168   | plasma and etch\$4 and (ammonia NH3 "NH.sub.3") and (oxygen O2 "O.sub.2" "O2" "O.sub.2")  | EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/06/22 13:35 |
| S7    | 4     | S6 and (CD critical adj dimension)  | EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/06/22 13:09 |

|     |     |  |                                  |    |    |                     |
|-----|-----|--|----------------------------------|----|----|---------------------|
| S8  | 4   | plasma and etch\$4<br>and (ammonia NH3<br>"NH.sub.3") with<br>(oxygen O2 "O.<br>sub.2" "O2" "O.<br>sub.2") and (double-<br>layer\$4 double adj<br>layer\$4 bi-layer\$4<br>layer near resist) | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>13:27 |
| S9  | 14  | plasma and etch\$4<br>and (ammonia NH3<br>"NH.sub.3") and<br>(oxygen O2 "O.<br>sub.2" "O2" "O.<br>sub.2") and (double-<br>layer\$4 double adj<br>layer\$4 bi-layer\$4<br>layer near resist)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>13:43 |
| S10 | 10  | S9 not (S7 S8)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>13:28 |
| S11 | 417 | (ammonia NH3 "NH.<br>sub.3") and (oxygen<br>O2 "O.sub.2" "O2"<br>"O.sub.2") and (CD<br>critical adj<br>dimension)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>13:36 |
| S12 | 138 | (ammonia NH3 "NH.<br>sub.3") same<br>(oxygen O2 "O.<br>sub.2" "O2" "O.<br>sub.2") and (CD<br>critical adj<br>dimension)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>13:36 |
| S13 | 90  | (ammonia NH3 "NH.<br>sub.3") same<br>(oxygen O2 "O.<br>sub.2" "O2" "O.<br>sub.2") same (CD<br>critical adj<br>dimension)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>13:36 |
| S14 | 4   | S13 and (plasma<br>etch\$4)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>13:36 |

|     |     |  |                                  |    |    |                     |
|-----|-----|--|----------------------------------|----|----|---------------------|
| S15 | 13  | plasma and etch\$4<br>and (ammonia NH3<br>"NH.sub.3") and<br>(oxygen O2 "O.<br>sub.2" "O2" "O.<br>sub.2") and ((critical<br>dimension CD) near<br>shift\$4)  | US-PGPUB;<br>USPAT               | OR | ON | 2006/06/22<br>14:00 |
| S16 | 3   | (ammonia NH3 "NH.<br>sub.3") and (oxygen<br>O2 "O.sub.2" "O2"<br>"O.sub.2") and<br>((critical dimension<br>CD) near shift\$4)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>14:00 |
| S17 | 6   | (ammonia NH3 "NH.<br>sub.3") and (oxygen<br>O2 "O.sub.2" "O2"<br>"O.sub.2") and<br>((critical dimension<br>CD) with shift\$4)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>14:01 |
| S18 | 296 | (US-5863834-\$ or<br>US-6010919-\$ or<br>US-6210593-\$ or<br>US-4390394-\$ or<br>US-5246886-\$ or<br>US-5320707-\$ or<br>US-5648146-\$ or<br>US-5661065-\$ or<br>US-5976992-\$ or<br>US-5983909-\$ or<br>US-6039815-\$ or<br>US-6071821-\$ or<br>US-6114182-\$ or<br>US-6146929-\$ or<br>US-6232246-\$ or<br>US-4320191-\$ or<br>US-4812712-\$ or<br>US-5240554-\$ or<br>US-5302240-\$ or<br>US-5314573-\$ or<br>US-5314576-\$ or<br>US-5334259-\$ or<br>US-5433823-\$ or<br>US-5445710-\$ or<br>US-5502006-\$ or<br>US-5563427-\$).did.<br>or (US-5580615-\$<br>or US-5624582-\$ or<br>US-5681424-\$ or<br>US-5686363-\$ or | USPAT                            | OR | ON | 2006/06/22<br>14:36 |

US-5698072-\$ or  
US-5714306-\$ or  
US-5728259-\$ or  
US-5741742-\$ or  
US-5763016-\$ or  
US-5779918-\$ or  
US-5824455-\$ or  
US-5827436-\$ or  
US-5843848-\$ or  
US-5856239-\$ or  
US-5863706-\$ or  
US-5880035-\$ or  
US-5897377-\$ or  
US-5905005-\$ or  
US-5914277-\$ or  
US-5922623-\$ or  
US-5953582-\$ or  
US-5962194-\$ or  
US-5981001-\$ or  
US-5999590-\$ or  
US-6008132-\$ or  
US-6025115-\$ or  
US-6042929-\$).did.  
or (US-6046114-\$  
or US-6080681-\$ or  
US-6128363-\$ or  
US-6133162-\$ or  
US-6174225-\$ or  
US-6194320-\$ or  
US-6208032-\$ or  
US-6214740-\$ or  
US-6229156-\$ or  
US-6232159-\$ or  
US-4487678-\$ or  
US-4613401-\$ or  
US-4631250-\$ or  
US-4755482-\$ or  
US-4771730-\$ or  
US-4863557-\$ or  
US-4957834-\$ or  
US-5002632-\$ or  
US-5184399-\$ or  
US-5207868-\$ or  
US-5213996-\$ or  
US-5230772-\$ or  
US-5240559-\$ or  
US-5266526-\$ or  
US-5286927-\$ or  
US-5291536-\$ or  
US-5296095-\$).did.  
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or US-5320982-\$ or

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US-5380397-\$ or  
US-5385624-\$ or  
US-5411631-\$ or  
US-5418397-\$ or  
US-5420075-\$ or  
US-5422921-\$ or  
US-5425844-\$ or  
US-5468686-\$ or  
US-5472564-\$ or  
US-5489339-\$ or  
US-5514621-\$ or  
US-5523185-\$ or  
US-5527729-\$ or  
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US-5578164-\$ or  
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US-5624583-\$ or  
US-5630904-\$).did.  
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or US-5660681-\$ or  
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US-5673750-\$ or  
US-5679213-\$ or  
US-5679499-\$ or  
US-5707487-\$ or  
US-5707883-\$ or  
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US-5753533-\$ or  
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US-5811357-\$ or  
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US-5831321-\$ or  
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US-5838529-\$ or  
US-5837616-\$ or  
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US-5858878-\$ or  
US-5874331-\$ or  
US-5877078-\$).did.

or (US-5913143-\$  
or US-5939139-\$ or  
US-5998300-\$ or  
US-6007732-\$ or  
US-6010946-\$ or  
US-6013575-\$ or  
US-6017683-\$ or  
US-6022803-\$ or  
US-6037266-\$ or  
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US-6057247-\$ or  
US-6069090-\$ or  
US-6074568-\$ or  
US-6088096-\$ or  
US-6099687-\$ or  
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US-6185370-\$ or  
US-6187688-\$ or  
US-6197457-\$ or  
US-6197689-\$ or  
US-6197696-\$ or  
US-6204193-\$ or  
US-6214724-\$ or  
US-6221755-\$).did.  
or (US-6230722-\$  
or US-4004044-\$ or  
US-4094732-\$ or  
US-4313648-\$ or  
US-4330384-\$ or  
US-4333814-\$ or  
US-4341593-\$ or  
US-4368099-\$ or  
US-4371407-\$ or  
US-4382985-\$ or  
US-4388397-\$ or  
US-4399194-\$ or  
US-4401745-\$ or  
US-4421843-\$ or  
US-4421842-\$ or  
US-4422896-\$ or  
US-4424096-\$ or  
US-4426247-\$ or  
US-4442338-\$ or  
US-4444618-\$ or  
US-4465532-\$ or  
US-4468447-\$ or  
US-4474642-\$ or  
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US-4544444-\$).did.  
or (US-4547260-\$  
or US-4564579-\$ or  
US-4566937-\$ or  
US-4571685-\$ or  
US-4579621-\$ or  
US-4605566-\$ or  
US-4615755-\$ or  
US-4620898-\$ or  
US-4632852-\$ or  
US-4778562-\$ or  
US-4782008-\$ or  
US-4783371-\$ or  
US-4792461-\$ or  
US-4808258-\$ or  
US-4814243-\$ or  
US-4844774-\$ or  
US-4863547-\$ or  
US-4868096-\$ or  
US-4873162-\$ or  
US-4873163-\$ or  
US-4873176-\$ or  
US-4874462-\$ or  
US-4876164-\$ or  
US-4878995-\$ or  
US-4888203-\$ or  
US-4902897-\$ or  
US-4904341-\$).did.  
or (US-4904619-\$  
or US-4935774-\$ or  
US-4943344-\$ or  
US-4944837-\$ or  
US-4957589-\$ or  
US-4961820-\$ or  
US-4965073-\$ or  
US-4968398-\$ or  
US-4968354-\$ or  
US-4981909-\$ or  
US-4985319-\$ or  
US-4988644-\$ or  
US-4992137-\$ or  
US-4999308-\$ or  
US-5004927-\$ or  
US-5007981-\$ or  
US-5024722-\$ or  
US-5057187-\$ or  
US-5178975-\$ or  
US-5178989-\$ or  
US-5180464-\$ or  
US-5188706-\$ or  
US-5190892-\$ or

US-5198388-\$ or  
US-5200017-\$ or  
US-5200361-\$ or  
US-5202095-\$).did.  
or (US-5217570-\$  
or US-5217851-\$ or  
US-5221430-\$ or  
US-5223085-\$ or  
US-5228052-\$ or  
US-5235236-\$ or  
US-5242561-\$ or  
US-5242853-\$ or  
US-5246526-\$ or  
US-5246888-\$ or  
US-5262282-\$ or  
US-5266157-\$ or  
US-5272417-\$ or  
US-5277757-\$ or  
US-5279705-\$ or  
US-5279924-\$ or  
US-5284547-\$ or  
US-5290383-\$ or  
US-5298112-\$ or  
US-5300444-\$ or  
US-5310456-\$ or  
US-5314847-\$ or  
US-5318667-\$ or  
US-5320979-\$ or  
US-5322590-\$ or  
US-5322764-\$ or  
US-5326431-\$).did.  
or (US-5327003-\$  
or US-5328560-\$ or  
US-5333379-\$ or  
US-5344522-\$ or  
US-5347510-\$ or  
US-5352617-\$ or  
US-5354418-\$ or  
US-5356825-\$ or  
US-5360510-\$ or  
US-5366917-\$ or  
US-5368686-\$ or  
US-5374332-\$ or  
US-5376228-\$ or  
US-5378311-\$ or  
US-5378653-\$ or  
US-5380608-\$ or  
US-5380609-\$ or  
US-5381032-\$ or  
US-5382484-\$ or  
US-5382532-\$ or



|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
|     |    | US-5386430-\$ or<br>US-5391894-\$ or<br>US-5397420-\$ or<br>US-5397431-\$ or<br>US-5397432-\$ or<br>US-5399527-\$ or<br>US-5399830-\$).did.   |   |    |    |                     |
| S19 | 35 | (US-20050277066-\$<br>or US-20030134231-<br>\$ or US-<br>20030129539-\$ or<br>US-20020110992-\$<br>or US-20020012876-<br>\$ or US-<br>20060118517-\$ or<br>US-20030119330-\$<br>or US-20050082256-<br>\$ or US-<br>20040219797-\$ or<br>US-20040018727-\$<br>or US-20050085077-<br>\$).did. or (US-<br>6734096-\$ or US-<br>6720132-\$ or US-<br>6905800-\$ or US-<br>6787455-\$ or US-<br>6692903-\$ or US-<br>6620733-\$ or US-<br>6461969-\$ or US-<br>6458516-\$ or US-<br>6440864-\$ or US-<br>6331380-\$ or US-<br>6316167-\$ or US-<br>5545588-\$ or US-<br>6080529-\$ or US-<br>6977229-\$ or US-<br>6475918-\$ or US-<br>5648202-\$).did. or<br>(WO-2004013905-\$<br>or EP-813233-\$).<br>did. or (US-6372657-<br>\$ or US-<br>20040152328-\$ or<br>WO-2004013905-\$<br>or US-20030228768-<br>\$ or EP-463870-\$).<br>did. or (NN900929).<br>tban. | US-PGPUB;<br>USPAT; EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/22<br>14:36 |
| S20 | 0  | S18 and S19   | US-PGPUB;<br>USPAT                              | OR | ON | 2006/06/22<br>14:37 |

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S21 | 21235 | plasma and etch\$4 and (ammonia NH3 "NH.sub.3") and (oxygen O2 "O.sub.2" "O2" "O.sub.2")  | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:37 |
| S22 | 51    | S18 and S21   | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:38 |
| S23 | 3601  | plasma and etch\$4 and (ammonia NH3 "NH.sub.3") with (oxygen O2 "O.sub.2" "O2" "O.sub.2")   | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:38 |
| S24 | 14    | S18 and S23   | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:38 |
| S25 | 570   | plasma and etch\$4 and (ammonia NH3 "NH.sub.3") with (oxygen O2 "O.sub.2" "O2" "O.sub.2") and (double-layer\$4 double adj layer\$4 bi-layer\$4 layer near resist)   | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:38 |
| S26 | 6     | S18 and S25   | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:44 |
| S27 | 8     | S24 not S26   | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:50 |
| S28 | 37    | S22 not S24   | US-PGPUB; USPAT                        | OR | ON | 2006/06/22 14:50 |
| S29 | 35    | (US-20050082256-\$ or US-20040219797-\$ or US-20060118517-\$ or US-20050277066-\$ or US-20020012876-\$ or US-20050085077-\$ or US-20020110992-\$ or US-20040018727-\$ or US-20030134231-\$ or US-20030129539-\$ or US-20030119330-\$).did. or (US-6787455-\$ or US-6977229-\$ or US-6905800-\$ or US- | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2006/06/25 01:34 |

|     |    |  |   |    |    |                     |
|-----|----|--|---|----|----|---------------------|
|     |    | 6620733-\$ or US-<br>6734096-\$ or US-<br>6720132-\$ or US-<br>6692903-\$ or US-<br>6440864-\$ or US-<br>6475918-\$ or US-<br>6461969-\$ or US-<br>6458516-\$ or US-<br>6331380-\$ or US-<br>6316167-\$ or US-<br>6080529-\$ or US-<br>5648202-\$ or US-<br>5545588-\$).did. or<br>(WO-2004013905-\$<br>or EP-813233-\$).<br>did. or (US-<br>20030228768-\$ or<br>US-20040152328-\$<br>or WO-2004013905-<br>\$ or US-6372657-\$<br>or EP-463870-\$).<br>did. or (NN900929).<br>tban.   |   |    |    |                     |
| S30 | 38 | (US-20050082256-\$<br>or US-20040219797-<br>\$ or US-<br>20060118517-\$ or<br>US-20050277066-\$<br>or US-20020012876-<br>\$ or US-<br>20050085077-\$ or<br>US-20020110992-\$<br>or US-20040018727-<br>\$ or US-<br>20030134231-\$ or<br>US-20030129539-\$<br>or US-20030119330-<br>\$).did. or (US-<br>6787455-\$ or US-<br>6977229-\$ or US-<br>6905800-\$ or US-<br>6620733-\$ or US-<br>6734096-\$ or US-<br>6720132-\$ or US-<br>6692903-\$ or US-<br>6440864-\$ or US-<br>6475918-\$ or US-<br>6461969-\$ or US-<br>6458516-\$ or US-<br>6331380-\$ or US-<br>6316167-\$ or US- | US-PGPUB;<br>USPAT; EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/25<br>01:34 |

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|-----|----|--|---|----|----|---------------------|
|     |    | 6080529-\$ or US-5648202-\$ or US-5545588-\$ or US-6197696-\$ or US-5230772-\$ or US-4330384-\$).did. or (WO-2004013905-\$ or EP-813233-\$).did. or (US-20030228768-\$ or US-20040152328-\$ or WO-2004013905-\$ or US-6372657-\$ or EP-463870-\$).did. or (NN900929).tban.   |   |    |    |                     |
| S31 | 30 | S29 S30  | US-PGPUB;<br>USPAT  | OR | ON | 2006/06/25<br>01:34 |
| S32 | 38 | S29 S30  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/25<br>01:34 |
| S33 | 20 | (US-4330384-\$ or US-5230772-\$ or US-5545588-\$ or US-5648202-\$ or US-6080529-\$ or US-6197696-\$ or US-6316167-\$ or US-6331380-\$ or US-6440864-\$ or US-6458516-\$ or US-6461969-\$ or US-6475918-\$ or US-6620733-\$ or US-6692903-\$ or US-6720132-\$ or US-6734096-\$ or US-6787455-\$ or US-6905800-\$ or US-6977229-\$).did. or (US-6372657-\$).did. | USPAT;<br>DERWENT   | OR | ON | 2006/06/25<br>01:36 |
| S34 | 30 | S32 S33  | US-PGPUB;<br>USPAT  | OR | ON | 2006/06/25<br>01:37 |
| S35 | 19 | S32 and S33  | US-PGPUB;<br>USPAT  | OR | ON | 2006/06/25<br>01:37 |

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|-----|----|--|---|----|----|---------------------|
| S36 | 19 | S32 and S33  | US-PGPUB;<br>USPAT; USOCR                       | OR | ON | 2006/06/25<br>01:40 |
| S37 | 1  | S36 and residence  | USPAT   | OR | ON | 2006/06/25<br>02:12 |
| S38 | 1  | ("6326302").PN.  | USPAT   | OR | ON | 2006/06/25<br>01:47 |
| S39 | 0  | residence near time<br>same CD near<br>control\$4  | USPAT   | OR | ON | 2006/06/25<br>02:13 |
| S40 | 22 | residence near time<br>and CD near control<br>\$4  | USPAT   | OR | ON | 2006/06/25<br>02:14 |
| S41 | 4  | residence near2<br>time same CD near2<br>control\$4  | USPAT   | OR | ON | 2006/06/25<br>02:14 |
| S42 | 22 | S40 not S41 not<br>cyclodextrin  | US-PGPUB;<br>USPAT                              | OR | ON | 2006/06/25<br>02:15 |
| S43 | 43 | (US-20050082256-\$<br>or US-20040219797-<br>\$ or US-<br>20060118517-\$ or<br>US-20050277066-\$<br>or US-20020012876-<br>\$ or US-<br>20050085077-\$ or<br>US-20020110992-\$<br>or US-20040018727-<br>\$ or US-<br>20030134231-\$ or<br>US-20030129539-\$<br>or US-20030119330-<br>\$).did. or (US-<br>6787455-\$ or US-<br>6977229-\$ or US-<br>6905800-\$ or US-<br>6620733-\$ or US-<br>6734096-\$ or US-<br>6720132-\$ or US-<br>6692903-\$ or US-<br>6440864-\$ or US-<br>6475918-\$ or US-<br>6461969-\$ or US-<br>6458516-\$ or US-<br>6331380-\$ or US-<br>6316167-\$ or US-<br>6080529-\$ or US-<br>5648202-\$ or US-<br>5545588-\$ or US-<br>6197696-\$ or US- | US-PGPUB;<br>USPAT; EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/25<br>02:22 |

|     |      |   |                    |    |    |                     |
|-----|------|---|--------------------|----|----|---------------------|
|     |      | 5230772-\$ or US-4330384-\$ or US-6869542-\$ or US-6613689-\$ or US-6451703-\$ or US-6372082-\$ or US-6069090-\$).did. or (WO-2004013905-\$ or EP-813233-\$).did. or (US-20030228768-\$ or US-20040152328-\$ or WO-2004013905-\$ or US-6372657-\$ or EP-463870-\$).did. or (NN900929).tban. |                    |    |    |                     |
| S44 | 5    | S43 not S30   | US-PGPUB;<br>USPAT | OR | ON | 2006/06/25<br>02:23 |
| S45 | 6    | (US-6869542-\$ or US-6613689-\$ or US-6451703-\$ or US-6440864-\$ or US-6372082-\$ or US-6069090-\$).did.   | USPAT              | OR | ON | 2006/06/25<br>02:27 |
| S46 | 8476 | gas\$4 near2 exhaust<br>\$4 near2 (velocity<br>speed rate)  | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>06:45 |
| S47 | 707  | S46 and plasma  | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>06:45 |
| S48 | 384  | S47 and etch\$4   | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>06:46 |
| S49 | 209  | S48 and ratio   | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>07:05 |
| S50 | 27   | S48 and flow adj<br>ratio   | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>07:15 |
| S51 | 26   | S48 and CD  | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>07:06 |
| S52 | 12   | S47 and flow adj<br>ratio not S50   | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>07:15 |
| S53 | 8    | S47 and CD not S51  | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>07:15 |
| S54 | 20   | S52 S53   | US-PGPUB;<br>USPAT | OR | ON | 2007/02/02<br>09:27 |

|     |     |   |                                  |    |    |                     |
|-----|-----|---|----------------------------------|----|----|---------------------|
| S55 | 631 | electrode near<br>(spacing distance)<br>same plasma and<br>etch\$4          | US-PGPUB;<br>USPAT               | OR | ON | 2007/02/02<br>09:29 |
| S56 | 347 | electrode near<br>(spacing distance)<br>with plasma and<br>etch\$4          | US-PGPUB;<br>USPAT               | OR | ON | 2007/02/02<br>09:29 |
| S57 | 271 | electrode adj<br>(spacing distance)<br>with plasma and<br>etch\$4           | US-PGPUB;<br>USPAT               | OR | ON | 2007/02/02<br>09:29 |
| S58 | 61  | electrode adj<br>(spacing distance)<br>with plasma with<br>etch\$4          | US-PGPUB;<br>USPAT               | OR | ON | 2007/02/02<br>09:29 |
| S59 | 20  | electrode adj<br>(spacing distance)<br>with plasma with<br>etch\$4 and mm   | US-PGPUB;<br>USPAT               | OR | ON | 2007/02/02<br>09:39 |
| S60 | 4   | electrode adj<br>(spacing distance)<br>and applied near2<br>DPS             | US-PGPUB;<br>USPAT               | OR | ON | 2007/02/02<br>09:41 |
| S61 | 3   | electrode adj<br>(spacing distance)<br>and applied with<br>DPS not S60      | US-PGPUB;<br>USPAT               | OR | ON | 2007/07/06<br>13:18 |
| S62 | 5   | electrode adj<br>(spacing distance)<br>and applied near2<br>DPS             | US-PGPUB;<br>USPAT               | OR | ON | 2007/07/06<br>13:18 |
| S63 | 1   | capacitive\$4 adj<br>coupl\$4 with<br>applied with DPS<br>not S62           | US-PGPUB;<br>USPAT               | OR | ON | 2007/07/06<br>13:20 |
| S64 | 12  | capacitive\$4 adj<br>coupl\$4 same<br>applied with DPS<br>not S62           | US-PGPUB;<br>USPAT               | OR | ON | 2007/07/06<br>13:20 |
| S65 | 9   | (RIE reactive adj ion<br>adj etch\$4) with<br>capacitive\$4 adj<br>coupl\$4 | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>13:45 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
| S66 | 177  | (RIE reactive adj ion<br>adj etch\$4) with<br>capacitive\$4 adj<br>coupl\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>13:49 |
| S67 | 1810 | (RIE reactive adj ion<br>adj etch\$4) with<br>(ICP inductiv\$4 adj<br>coupl\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>13:45 |
| S68 | 186  | (RIE reactive adj ion<br>adj etch\$4) with<br>(CCP capacitiv\$4 adj<br>coupl\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>13:51 |
| S69 | 8    | (RIE reactive adj ion<br>adj etch\$4) with<br>(CCP capacitiv\$4 adj<br>coupl\$4) and<br>electrode near<br>spacing                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>13:52 |
| S70 | 15   | (RIE reactive adj ion<br>adj etch\$4) with<br>(CCP capacitiv\$4 adj<br>coupl\$4) and<br>electrode near<br>(distance spacing<br>separat\$4 gap) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>14:03 |
| S71 | 100  | plasma and parallel<br>adj plate with<br>electrode near<br>(distance spacing<br>separat\$4 gap)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>14:22 |
| S72 | 37   | plasma and parallel<br>adj plate near<br>electrode near<br>(distance spacing<br>separat\$4 gap)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/06<br>14:23 |

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